

A4980KLPTR-T

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A4980KLPTR-T Information

		A4980KLPTR-T Allegro MicroSystems, LLC Integrated Circuits (ICs) PMIC - Motor Drivers, Controllers IC MOTOR DRIVER SPI 28TSSOP	
annon	Package	28-TSSOP (0.173", 4.40mm Width) Exposed Pad For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Que

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A4980KLPTR-T Specifications

Manufacturer Allegro MicroSystems, LLC Gargory Integrated Circuits (ICs) PMIC - Motor Drivers, Controllers PMIC - Motor Drivers, Controllers Package 28-TSSOP (0.173", 4.40mm Width) Exposed Pad Series - Motor Type - Stepper Bipolar Motor Type - AC, DC - Function Driver - Fully Integrated, Control and Power Stage Output Configuration Half Bridge (4) Interface SPI, Step/Direction Technology DMOS Step Resolution 1, 1/2, 1/4, 1/16 Applications Automotive Current - Output 3 V ~ 5.5 V Voltage - Supply 3 V ~ 50 V Operating Temperature 40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 28-TSSOP (0.173", 4.40mm Width) Exposed Pad		
CategoryIntegrated Circuits (ICs)PackagePMIC - Motor Drivers, ControllersPackage28-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceSPI, Step/DirectionTechnologyDMOSStep Resolution1, 1/2, 1/4, 1/16ApplicationsAutomotiveCurrent - Output1.4AVoltage - Supply3 V ~ 5.5 VVoltage - LoadO V ~ 50 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (D.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Manufacturer Part Number	A4980KLPTR-T
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Package28-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceSPI, Step/DirectionTechnologyDMOSStep Resolution1, 1/2, 1/4, 1/16ApplicationsAutomotiveCurrent - Output1.4AVoltage - Supply3 V ~ 5.5 VVoltage - Load0 V ~ 50 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Category	Integrated Circuits (ICs)
Series-Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceSPI, Step/DirectionTechnologyDMOSStep Resolution1, 1/2, 1/4, 1/16ApplicationsAutomotiveCurrent - Output1.4AVoltage - Supply3 V ~ 5.5 VVoltage - Load0 V ~ 50 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP		PMIC - Motor Drivers, Controllers
Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceSPI, Step/DirectionTechnologyDMOSStep Resolution1, 1/2, 1/4, 1/16ApplicationsAutomotiveCurrent - Output1.4AVoltage - Supply3 V ~ 5.5 VVoltage - Load0 V ~ 50 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Package	28-TSSOP (0.173", 4.40mm Width) Exposed Pad
Motor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceSPI, Step/DirectionTechnologyDMOSStep Resolution1, 1/2, 1/4, 1/16ApplicationsAutomotiveCurrent - Output1.4AVoltage - Supply3 V ~ 5.5 VVoltage - Load0 V ~ 50 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Series	-
FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceSPI, Step/DirectionTechnologyDMOSStep Resolution1, 1/2, 1/4, 1/16ApplicationsAutomotiveCurrent - Output1.4AVoltage - Supply3 V ~ 5.5 VVoltage - Load0 V ~ 50 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Motor Type - Stepper	Bipolar
Output ConfigurationHalf Bridge (4)InterfaceSPI, Step/DirectionTechnologyDMOSStep Resolution1, 1/2, 1/4, 1/16ApplicationsAutomotiveCurrent - Output1.4AVoltage - Supply3 V ~ 5.5 VVoltage - Load0 V ~ 50 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Motor Type - AC, DC	-
InterfaceSPI, Step/DirectionTechnologyDMOSStep Resolution1, 1/2, 1/4, 1/16ApplicationsAutomotiveCurrent - Output1.4AVoltage - Supply3 V ~ 5.5 VVoltage - Load0 V ~ 50 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Function	Driver - Fully Integrated, Control and Power Stage
TechnologyDMOSStep Resolution1, 1/2, 1/4, 1/16ApplicationsAutomotiveCurrent - Output1.4AVoltage - Supply3 V ~ 5.5 VVoltage - Load0 V ~ 50 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Output Configuration	Half Bridge (4)
Step Resolution1, 1/2, 1/4, 1/16ApplicationsAutomotiveCurrent - Output1.4AVoltage - Supply3 V ~ 5.5 VVoltage - Load0 V ~ 50 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Interface	SPI, Step/Direction
ApplicationsAutomotiveCurrent - Output1.4AVoltage - Supply3 V ~ 5.5 VVoltage - Load0 V ~ 50 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Technology	DMOS
Current - Output1.4AVoltage - Supply3 V ~ 5.5 VVoltage - Load0 V ~ 50 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Step Resolution	1, 1/2, 1/4, 1/16
Yoltage - Supply3 V ~ 5.5 VVoltage - Load0 V ~ 50 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Applications	Automotive
Voltage - Load0 V ~ 50 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Current - Output	1.4A
Operating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Voltage - Supply	3 V ~ 5.5 V
Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Voltage - Load	0 V ~ 50 V
Package / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package 28-TSSOP-EP	Mounting Type	Surface Mount
	Package / Case	28-TSSOP (0.173", 4.40mm Width) Exposed Pad
Report errors?	Supplier Device Package	28-TSSOP-EP
		Report errors?

A4980KLPTR-T Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

SERVICE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

A4980KLPTR-T Payment Methods





If you have any question about A4980KLPTR-T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com